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Jun-01-04 05:05pm From:HBS&R

1978-341-0136

T-792 P.01/14 F-004

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FACSIMILE COVER SHEET

Examiner: Office of Initial Patent Examination
Customer Service Center

Date: June 1, 2004

Client Code: 3226

Facsimile No.: 703-746-9195

From: F. James Coe, Esq.

Subject: Request for Corrected Filing Receipt

Docket No.: 3226.1022-001

Applicants: Kanu Chadha, *et al.*

Application No.: 10/712,800

Filing Date: November 13, 2003

Number of pages including this cover sheet: 14

Please confirm receipt of facsimile: Yes X No

Sir:

Please see attached.

@PFDesktop\ODMA\MHODMA\HBSR05.iManage,477227;1

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JMS/FJC/cs
June 1, 2004

PATENT APPLICATION
Docket No. 3226.1022-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kanu Chadha, Maneesh Soni and Manish Bhardwaj
Application No.: 10/712,800 Group: 2631
Filed: November 13, 2003 Examiner: Unknown
Confirmation No.: 7866
For: METHOD AND SYSTEM FOR FAST TIMING RECOVERY
FOR PREAMBLE BASED TRANSMISSION SYSTEMS

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on.	
<u>6-1-04</u> Date	<u>Trisha Sullivan</u> Signature
<u>Trisha Sullivan</u> Typed or printed name of person signing certificate	

REQUEST FOR CORRECTED FILING RECEIPT
FOR UTILITY APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We hereby request that the following items of information be corrected in the Filing Receipt for the subject application received in this office on May 24, 2004.

Please note that although the application was originally filed with six (6) sheets of informal drawings, the replacement drawings filed on May 10, 2004 with the Reply To Notice To File Missing Parts of Application consisted of seven (7) sheets of drawings.

10/712,800

-2-

The errors and corrections appear below.

Under the section titled "DRAWINGS", please delete the number --6-- and insert the number "7"

Enclosed are copies of the Filing Receipt with changes noted in red, copies of the recently filed Reply To Notice To File Missing Parts of Application and seven (7) sheets of replacement drawings consisting of Figs. 1-5.

Pursuant to instructions in the February 29, 2000 O.G , we hereby request that the errors which are identified above be corrected in the captioned application to which this request for correction is directed. It is understood that the Patent Office will issue an automatically-generated, corrected Filing Receipt in this and, if applicable, any other affected applications.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 

F. James Coe

Registration No.: 46,630

Telephone: (978) 341-0036

Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date: 6/1/04



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/712,800	11/13/2003	2631	1216	3226.1022-001	-0-	28	5

CONFIRMATION NO. 7866

021005
 HAMILTON, BROOK, SMITH & REYNOLDS, P.C
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 P.O. BOX 9133
 CONCORD, MA 01742-9133

UPDATED FILING RECEIPT



OC000000012743389

COPY

Date Mailed: 05/21/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kanu Chadha, Acton, MA;
 Maneesh Soni, Richardson, TX;
 Manish Bhardwaj, Cambridge, MA;

Assignment For Published Patent Application

Engim, Inc.;

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/426,214 11/14/2002

Foreign Applications

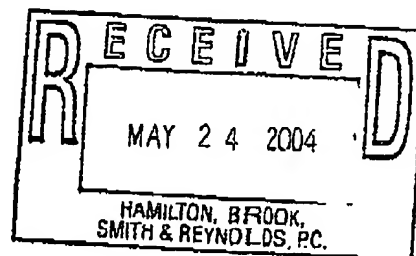
If Required, Foreign Filing License Granted: 02/10/2004

Projected Publication Date: 09/02/2004

Non-Publication Request: No

Early Publication Request: No

Title



Method and system for fast timing recovery for preamble based transmission systems**Preliminary Class****375**

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Title 37, Code of Federal Regulations, 5.11 & 5.15****GRANTED**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kanu Chadha, Maneesh Soni and Manish Bhardwaj
Application No.: 10/712,800 Group: 2631
Filed: November 13, 2003 Examiner: Unknown
Confirmation No.: 7866
For: METHOD AND SYSTEM FOR FAST TIMING RECOVERY FOR
PREAMBLE BASED TRANSMISSION SYSTEMS

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<u>May 10, 2004</u>	<u>Trisha Sullivan</u>
Date	Signature
<u>Trisha Sullivan</u>	
Typed or printed name of person signing certificate	

COPYREPLY TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the Notice to File Missing Parts dated February 10, 2004, the following documents and fees are being submitted for filing in the captioned application. A copy of the Notice is attached.

☒ **EXECUTED DECLARATION FOR PATENT APPLICATION***(Separate transmittal letter and postcard not required)*☐ **POWER OF ATTORNEY DOCUMENT**☐ Granted by Inventor(s)☐ Granted by Assignee, including Statement under 37 C.F.R. 3.73(b)*(Separate transmittal letter and postcard not required)*☐ **PRELIMINARY AMENDMENT***(Separate transmittal letter and postcard not required)*☒ **FILING FEE** - with Fee Transmittal for Patent Applications in duplicate

Fee calculations based on:

☒ Claims as originally filed☐ The Notice to File Missing Parts states an erroneous number of claims.☐ Claims upon entry of the Preliminary Amendment filed [herewith] [with the application]*(Separate transmittal letter and postcard not required)*☒ **SURCHARGE** - surcharge fee of \$130.00*(Separate transmittal letter and postcard not required)*

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☐ **SEQUENCE LISTING** - Filed concurrently and is attached

(Separate transmittal letter and postcard required)

☒ **REPLACEMENT DRAWINGS** - 7 sheets of replacement drawings consisting of Figs.

1 - 5 are enclosed *(Separate transmittal letter and postcard not required)*

☐ A Petition to Accept Color Drawings/Photographs (Fig(s). ☐) and a Transmittal of Replacement Drawings, with attachments, are enclosed.

(Separate check for fees and postcard required)

☒ **PETITION FOR EXTENSION OF TIME**

☒ Applicant hereby petitions to extend the time to respond to the Notice to File Missing Parts dated February 10, 2004 for one month from April 10, 2004 to May 10, 2004. The appropriate fee of \$110.00 is included in the enclosed check

☐ A ☐ month extension of time to respond to the Notice to File Missing Parts dated ☐ was filed on ☐ with payment of a \$☐ fee

☐ Applicant hereby petitions for an additional ☐ month extension of time to respond to the Notice to File Missing Parts. The appropriate fee of \$☐ is included in the enclosed check

(Separate Petition for Extension of Time and postcard not required)

☐ **REQUEST FOR CORRECTED FILING RECEIPT** - Filed concurrently and is attached

(Separate transmittal letter and postcard required)

☐ **STATEMENT CLAIMING SMALL ENTITY STATUS**

☐ Was filed on ☐

☐ Is enclosed herewith

(Separate transmittal letter and postcard not required)

☐ In view of the small entity status of the captioned application, we hereby request a reimbursement of 50% of the filing fees in the amount of \$☐ which were paid on ☐ to be deposited in Deposit Account No. 08-0380

The fees required for filing the indicated documents are enclosed in the form of a check in the total amount of \$1326.00. Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 

F. James Coe

Registration No.: 46,630

Tel.: (978) 341-0036

Fax: (978) 341-0136

Concord, Massachusetts 01742-9133

Date: 6/1/04

Title: "Method and System for Fast Acquisition"

Inventors: Kanu Chadha, et al.

Replacement Sheet

COPY

1/7

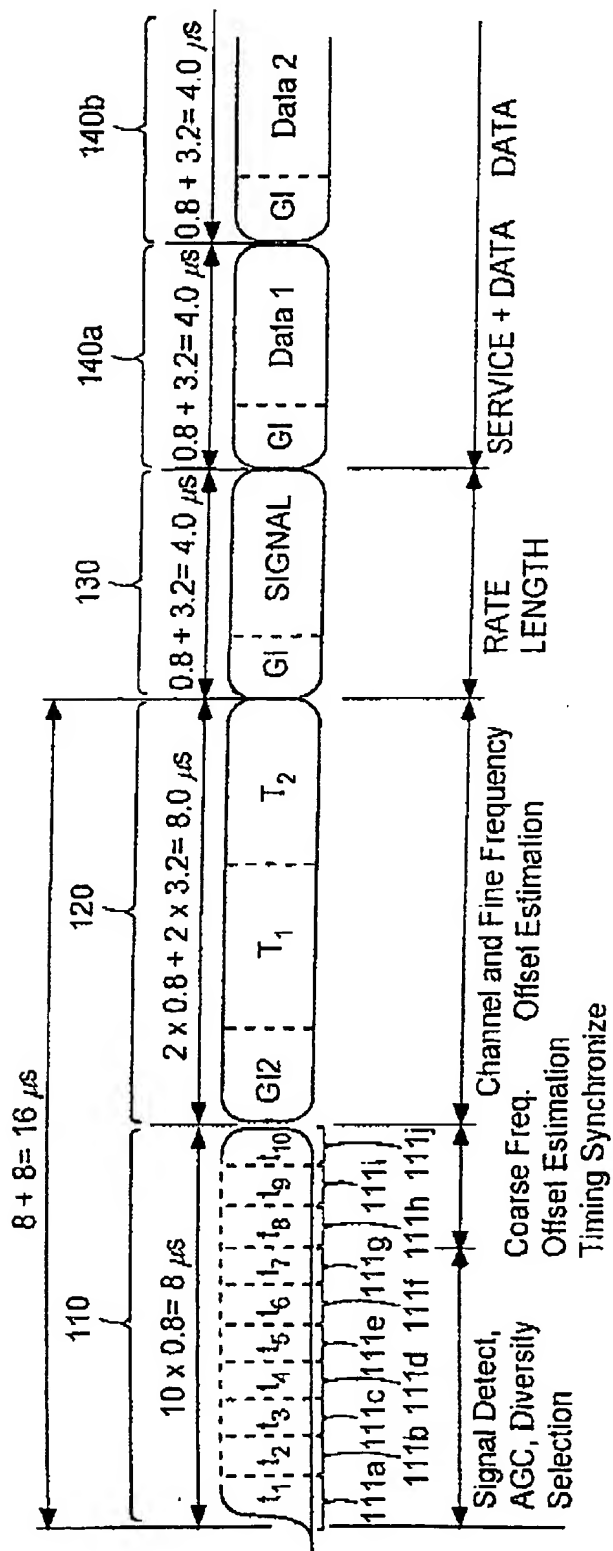


FIG. 1

Inv. rs: Kanu Chadha, et al.
Replacement Sheet

2/7

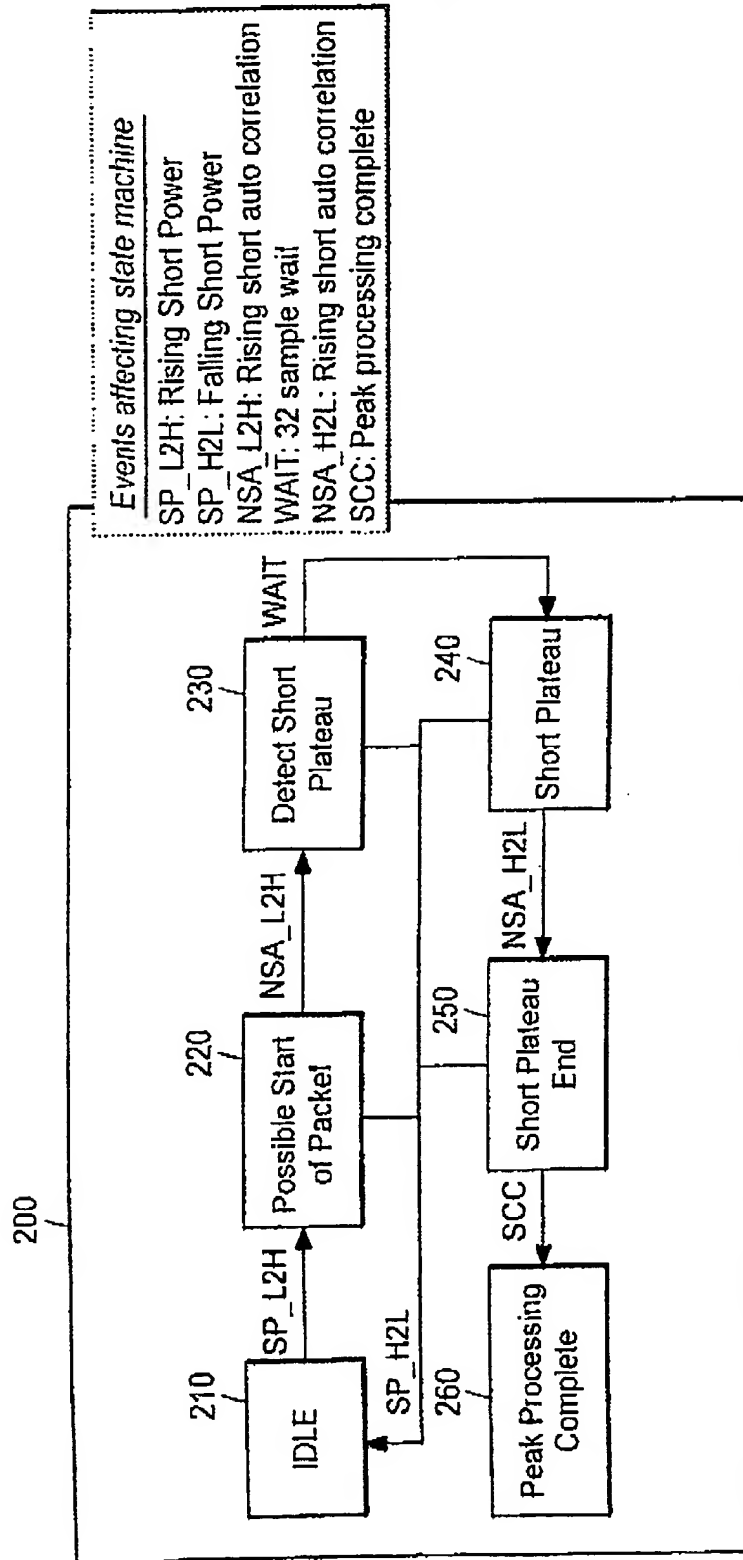
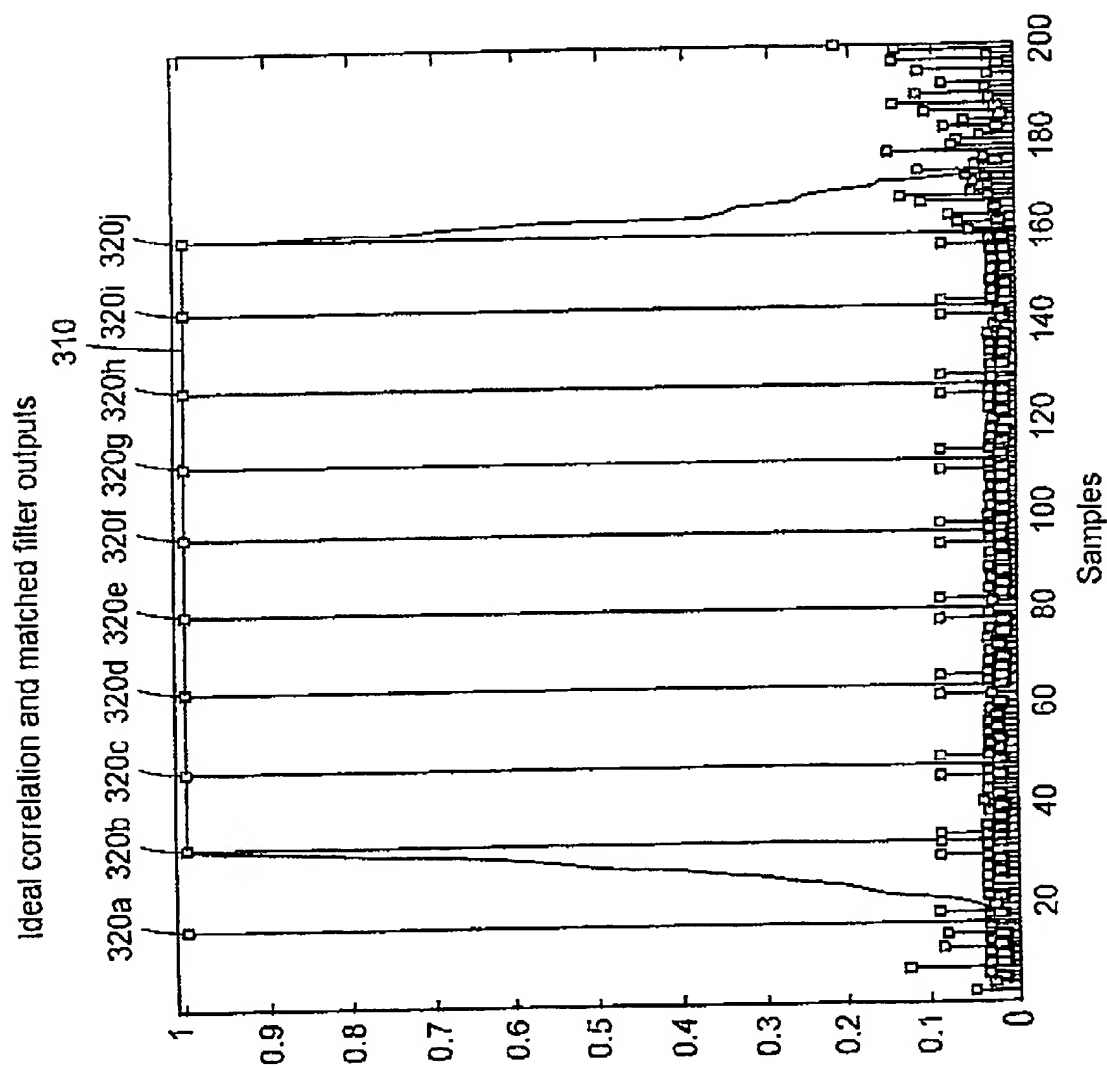


FIG. 2

Title: "Method and System for Fast Imaging..."
Inventors: Kanu Chadha, *et al.*
Replacement Sheet

3/7



Title: "Method and System for Fast Timing"

Inventors: Kanu Chadha, et al.

Replacement Sheet

4/7

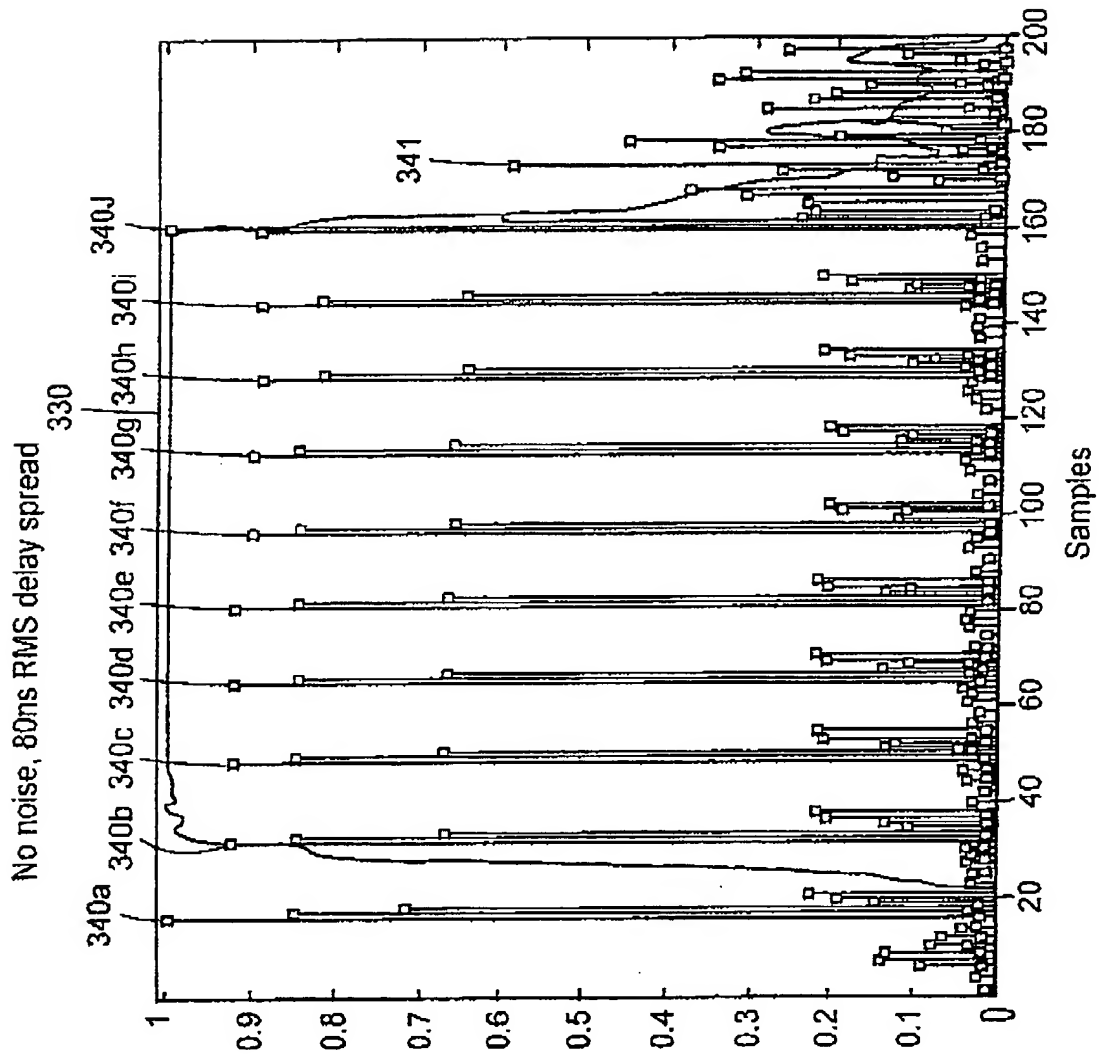


FIG. 3b

Title: Method and System for Fast Time

Inventors: Kanu Chadha, et al.

Replacement Sheet

5/7

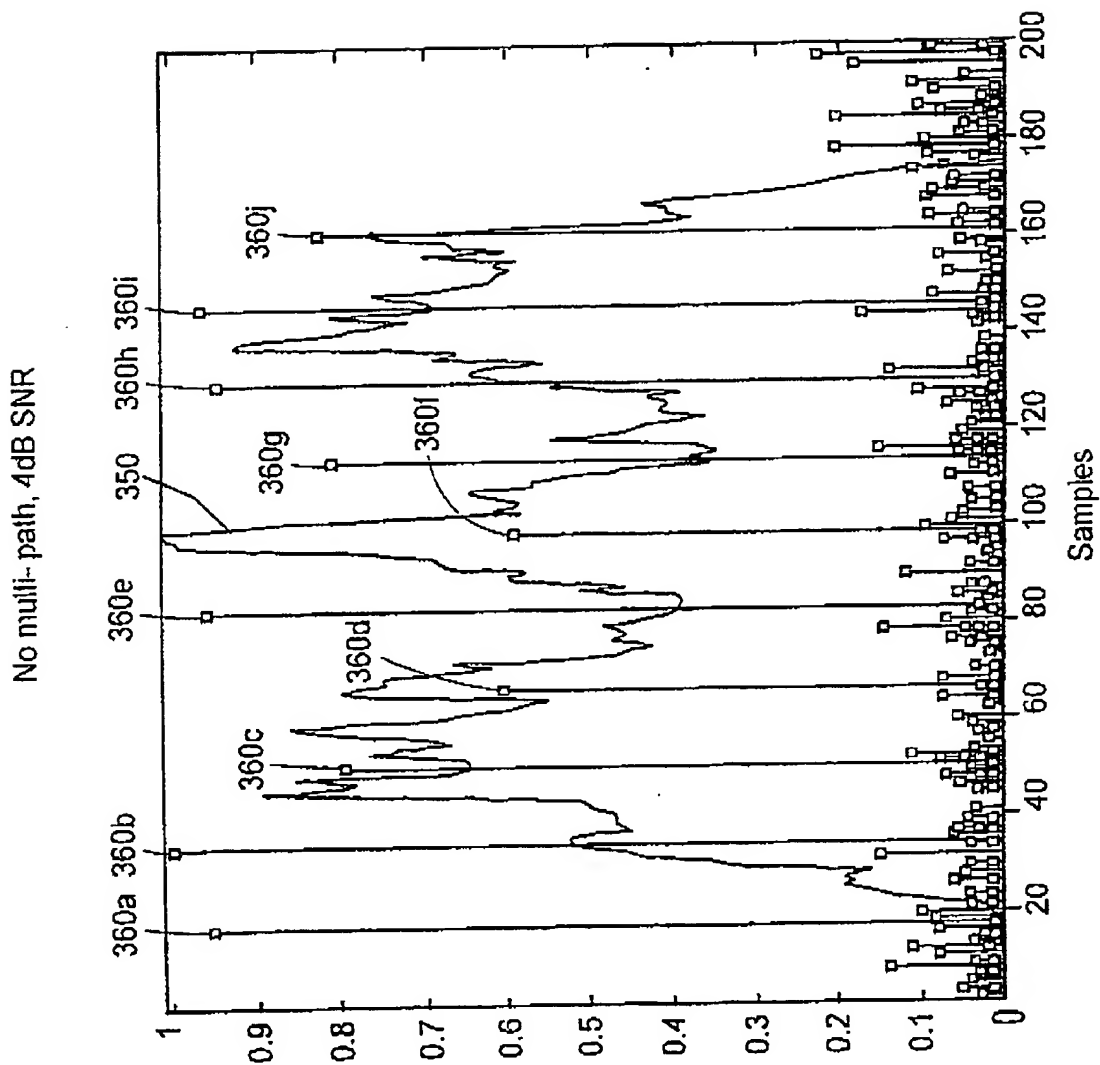
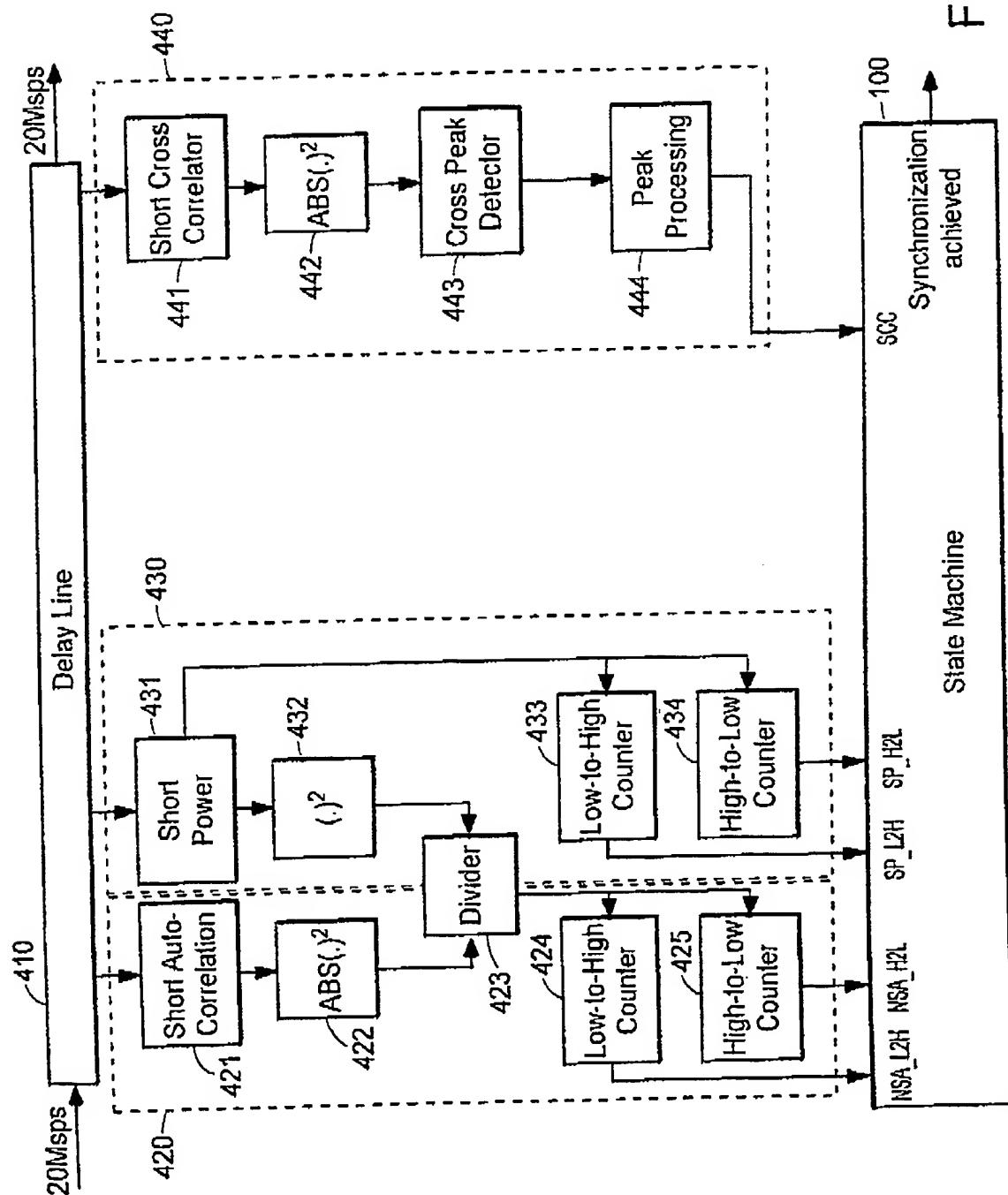


FIG. 3C

Title: Method and System for Fast Timing
 Invents: Kanu Chadha, et al.
 Replacement Sheet

6/7



Inv. No.: 1978-341-0136
Inventors: Kanu Chadha, *et al.*
Replacement Sheet

7/7

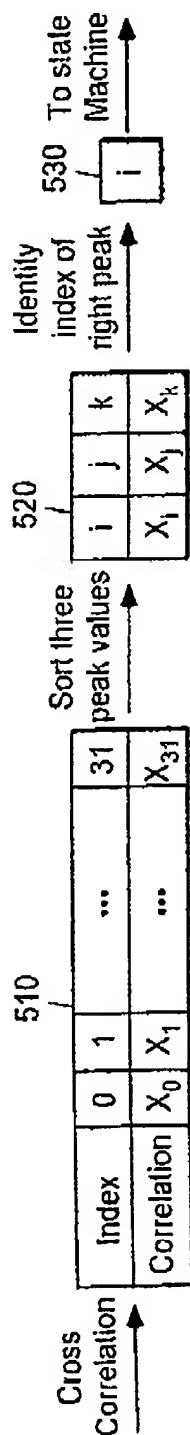


FIG. 5